



17224 U.S. PTO
120303

UTILITY APPLICATION

Attorney Docket No.: ASMINT.049AUS

First Named Inventor: Ernst H. A. GRANNEMAN

Title: APPARATUS AND METHOD FOR ATOMIC LAYER
DEPOSITION ON SUBSTRATES

Express Mail Label No.: EV 351352177 US

Direct all correspondence to Customer No.: 20995

Date: December 3, 2003

Page 1 of 2

Mail Stop Patent Application

United States Patent and Trademark Office

PO Box 1450

Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor(s):

1. Ernst H. A. GRANNEMAN
- 2.
- 3.
- 4.

APPLICATION ELEMENTS:

- (X) Specification in 33 pages.
- (X) Drawings in 10 formal sheets.

CONTINUITY INFORMATION:

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	Utility	60/431,337	12/05/2002	Pending

- (X) Incorporation by Reference. The entire disclosure of the prior application(s) is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

OTHER APPLICATION PARTS:

- (X) Preliminary Amendment in 6 pages.
- (X) Return prepaid postcard.

31088 U.S. PTO
10/728126
120303



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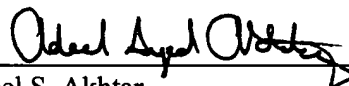
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FILING FEES:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Basic Utility		1001 (\$770)		\$770
Non-English Spec.		1053 (\$130)		\$0
Recordation Fee		8021 (\$40)	* x 40 =	\$0
Excess Claims > 20	29 - 20 = 9	1202 (\$18)	9 x 18 =	\$162
Independent > 3	3 - 3 = 0	~1201 (\$86)	0 x 86 =	\$0
Multiple Claim		1203 (\$290)		\$0
			TOTAL FEE DUE	\$932

(X) The total fees calculated above will be paid at a later date.



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MAIL STOP PATENT APPLICATION
Commissioner for Patents
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Alexandria, VA 22313-1450

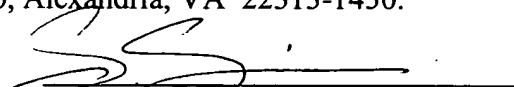
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : ASMINT.049AUS
Applicant(s) : ERNST H.A. GRANNEMAN
For : APPARATUS AND METHOD FOR ATOMIC
LAYER DEPOSITION ON SUBSTRATES
Attorney : Adeel S. Akhtar
"Express Mail"
Mailing Label No. : EV 351352177 US
Date of Deposit : December 3, 2003

I hereby certify that the accompanying

Transmittal letter; specification in 33 pages; 10 sheets of drawings; Preliminary
Amendment in 6 pages; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Sabrina Simmons

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